

Central California Ozone Study (CCOS)  
Emission Inventory Coordination Meeting

**Meeting Highlights**  
**June 16, 1999**

<b>Attendees</b>	<b>Affiliation</b>
Phil Martien	Bay Area AQMD
Toch Mangat	Bay Area AQMD
Bruce Katayama	Sacramento Metro AQMD
Hazel Hoffman	San Joaquin Valley Unified APCD
Joan Merchen	San Joaquin Valley Unified APCD
Scott Nestor	San Joaquin Valley Unified APCD
Stephen Shaw	San Joaquin Valley Unified APCD
Susan Walker	San Joaquin Valley Unified APCD
Dean Wolbach	Mendocino County AQMD
Les Jones	Caltrans
Guido Franco	California Energy Commission
Deb Niemeier	UC Davis
Karen Magliano	ARB
Linda Murchison	ARB
Andrew Ranzieri	ARB
Dale Shimp	ARB
Tina Suarez-Murias	ARB
Cheryl Taylor	ARB
Dennis Wade	ARB
Ed Yotter	ARB

**1. Welcome and Meeting Highlights**

Linda Murchison welcomed everyone to the call. Introductions were made. Highlights of the May 18 conference call were approved as written.

**2. Draft CCOS Study Plan**

The draft plan for the CCOS study is available for comment. Linda asked that participants review the inventory portion of the plan and provide comments to ARB by July 7. ARB will send out comments to all participants. The study plan is available at ARB's web site at: <http://www.arb.ca.gov/ccags/CCOS/docs>. Since the emission inventory portion of the plan does not contain much detail, ARB volunteered to draft a replacement section. ARB will send the proposed section out for review before the next conference call. Comments on the proposed section and other portions of the plan will be discussed at the next call.

**3. Feedback from May 21, 1999, Policy Committee Meeting**

The Policy Committee approved funding of \$350,000 for research projects related to day-specific traffic counts for the CCOS domain. The scoping study was approved for \$25,000 and the collection and analysis portion was funded for \$325,000. ARB is proceeding with establishing the contract with Dr. Debbie Niemeier of UC Davis. The Policy Committee also

approved reallocating funds (\$120,000) from a current contract with Alpine Geophysics. Alpine Geophysics will integrate the transportation data and run DTIM for the entire CCOS modeling domain. ARB will send out a draft workplan to all participants. Participants were asked to review it and send comments to ARB by June 30.

#### **4. Status of Scoping Study for Collecting Day-Specific Traffic Count Data**

ARB is planning to let the contract with Dr. Niemeier in the next two to three weeks. Participants were asked to provide any remaining comments by June 30.

#### **5. Discussion of Research Project One-Page Proposals**

The group discussed each of five research proposals. Following is a summary of each. ARB will create expanded draft scopes of work for the research proposals on gridding surrogates and biogenics. Phil Martien will rewrite the research proposal to focus on data collection. ARB will distribute the drafts before the next meeting. The scopes of work will be presented to the Technical Committee in August to seek funding.

##### Development of Base Year and Future Year Gridding Surrogates for Spatial Distribution of Area and Off-Road Source Emission Categories

The group approved this research proposal.

##### Emission Inventory Validation Studies

Phil Martien described the proposal. The group agreed to separate this research project into two parts: 1) data collection and 2) data analysis. The group agreed to focus on funding the data collection portion at this time. The CCOS study plan has proposed some emission inventory validation work. The group agreed to specify the emission inventory work that the group feels is needed and will resolve differences with the study plan later. Related work may also be proposed for CRPAQS. ARB's web site contains a section on air quality studies that participants may wish to investigate.

##### Development of Input Databases for a Biogenic Hydrocarbon Emissions Inventory for the CCOS Modeling Domain

Some of the data needed to produce a GIS-based biogenic inventory has already been gathered during SCOS. Information on plant species that are abundant in the CCOS domain that were not in the SCOS domain will be needed. Each of the tasks listed will need to be prioritized. Dean Wolbach stated that Mendocino County AQMD has two students who will be using statistical sampling to verify the GAP database in their county.

##### Development of Point and Area Source Emission Inventories for Small Districts

This research proposal will be discussed with other districts in the CCOS domain. The group wanted to put the emissions from small districts in perspective with the larger districts in the CCOS domain before making a recommendation on funding. ARB will tabulate the emissions and distribute the information to the participants for review.

## Collection of Day-Specific Emission Data for Controlled Burns and Agricultural Burns

The districts stated that they do collect data for agricultural burns. A permit must be obtained before a burn can occur. The permit shows the date when the permit is applied for and how much acreage is requested to be burned. However, when the actual burn occurs and how much is actually burned is not well tracked. The districts thought they may be able to gather the information needed for agricultural and prescribed burning if a process is established ahead of time. Burn data for the remaining regions in the CCOS domain would also be needed. Phil Martien suggested the gathering of data be coordinated by a central person.

ARB agreed to gather day-specific information for wildfires and estimate emissions.

### **6. Speciation Profiles**

ARB will soon be posting on ARB's web site information about speciation profiles.

### **7. Other Issues**

The group agreed to have Cheryl Taylor be the contact for distributing information to the group. Her email address is [cataylor@arb.ca.gov](mailto:cataylor@arb.ca.gov). ARB will post documents related to the Emission Inventory Coordination Group on ARB's web site.

### **8. Plans for Next Meeting**

The next conference call was scheduled for July 21 at 1:30 p.m.